Performance of the Scottish Education System & Raising Attainment of All Learners

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Outcome Focused National Priorities

 The National Performance Framework, geared around 5 national objectives and 15 national outcomes

 Education provision a major vehicle (along with health services) for how we will make good on these aspirations

Getting it Right For Every Child

Best start in life: Ready to

succeed

Scessulearners Nurtured Having a nurturing place to live, in a family setting with additional help if needed or, where this is not possible, in a suitable care setting

Achieving Being supported and guided in their learning and in the development of their skills, confidence and self-esteem at home, at school and in the community

Healthy

Having the highest attainable standards of physical and mental health, access to suitable healthcare, and support in learning to make healthy and safe choices

Having opportunities to take part in activities such as play, recreation and sport which contribute to healthy growth and development, both at home and in the community

Active

Confident tive inities to ties such tion and ibute to wth and at home munity Having the opportunity, with carers, to be heard olved in decisions which along with carers, to be heard and involved in decisions which affect them

Having opportunities and encouragement to play active and responsible roles in their schools and communities and, where necessary, having appropriate guidance and supervision and being involved in decisions that affect them @

Responsible citizens Protected from abuse, neglect or harm at home, at school and in the community

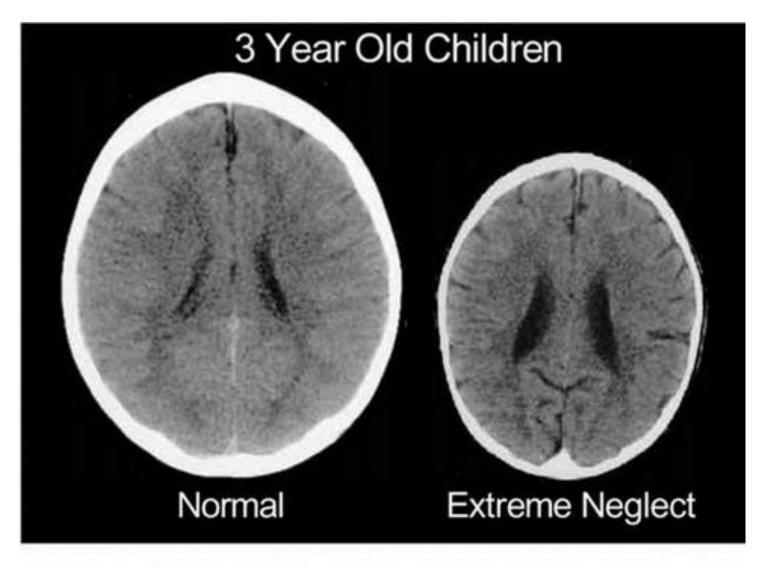
Safe

al as and of the contributed lincluded Having help to overcome social, educational, physical and economic inequalities and being accepted as part of the community in which they live and learn

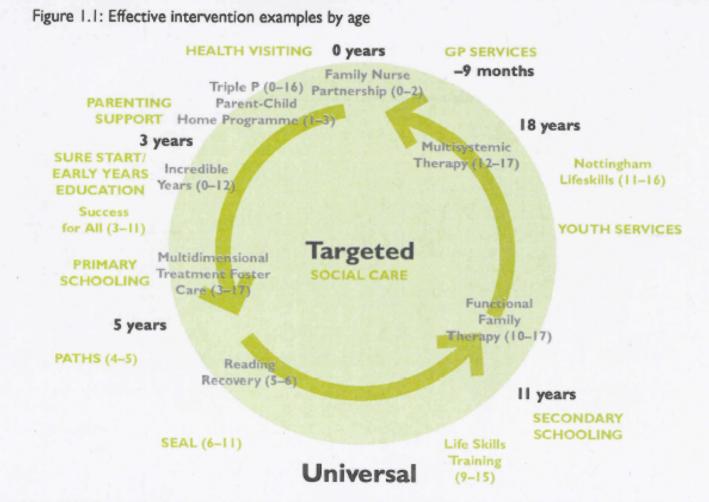
Scotland – the best place to grow Up in

-9 months to 10 days	10 days to 3 years	3 to 5 years	5 to 12 years	12 to 16 years	16 to 18+ years
Getting it right fo	r every child				
Revised Hall 4		Curriculum for Ex	cellence		
	ENP				
	Early Years Taski	orce	•		МС, МС
			Young Scot	•	
			and Scottish Youth		
	Early learning and	l childcare	Parliament	16+	
	PlayTalkRead			Learning C	noices
	class talkiteda				
National parentir	ng strategy				
	Child pover	ty strategy	· · · · · ·		
			Young people	e with offending beh	aviour
	Look of ofter sh	il drop			
	Looked after ch	luren			

Importance of the Early Years



What is early?



Note: PATHS stands for Promoting Alternative Thinking Strategies and SEAL stands for Social and Emotional Aspects of Learning.

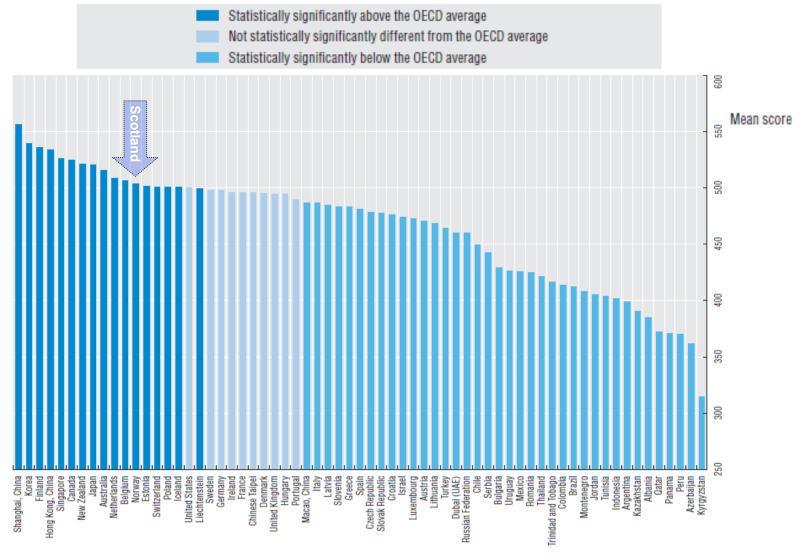
The School Years



Graduates as proportion of population (25-64 age group), 2008 60 49 50 43 41 40 37 37 40 36 36 34 34 34 34 33 32 32 32 31 29 28 28 27 30 25 24 23 20 19 18 20 16 15 14 14 14 12 10 0 Poland Austria Japan Spain France Mexico Turkey Korea Norway SCOTLAND Sweden Iceland Chile Greece Italy **United States** Finland Australia Ireland Denmark **United Kingdom** Belgium Netherlands Luxembourg **OECD** Average Hungary Slovak Republic **Czech Republic** Portugal Canada Switzerland Germany **New Zealand**

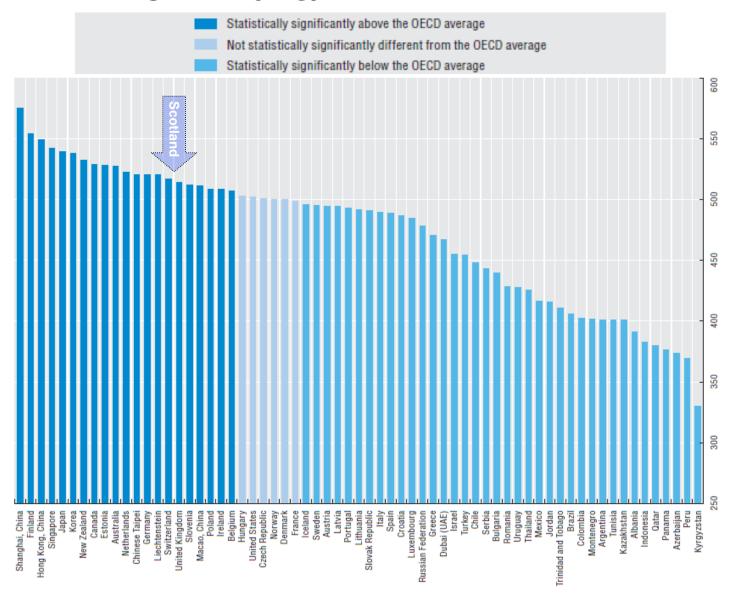
..looking reasonably good although not outstanding

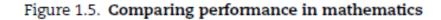
Figure 1.2. Comparing performance in reading

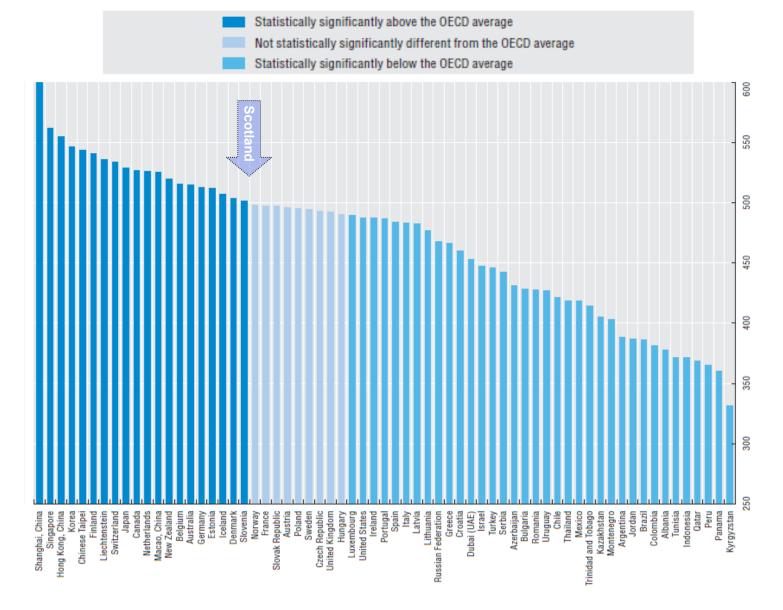


Source: OECD (2010), PISA 2009 Results, Volume I, What Students Know and Can Do: Student Performance in Reading, Mathematics and Science, Figure I.2.15, available at http://dx.doi.org/10.1787/888932343133.

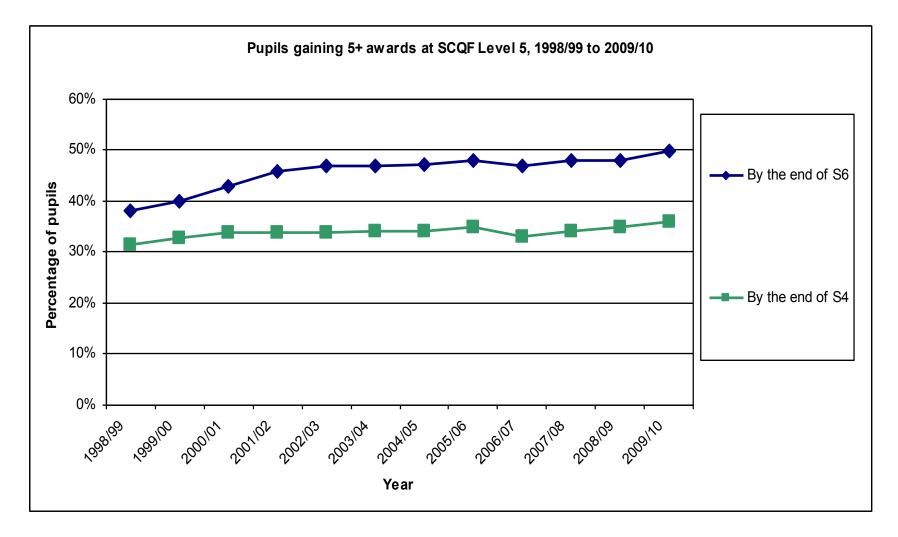
Figure 1.8. Comparing performance in science







...gradual improvement in qualification results



...inspection outcomes show considerable headroom for improvement in many schools

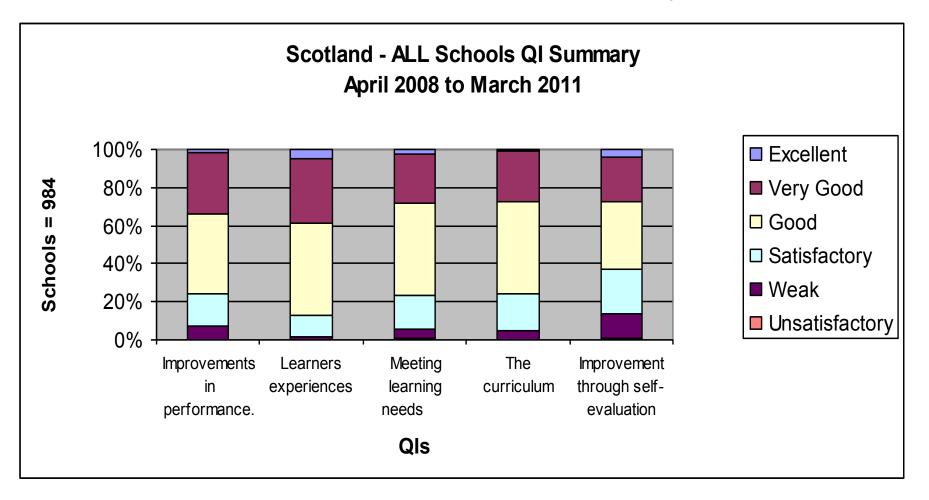
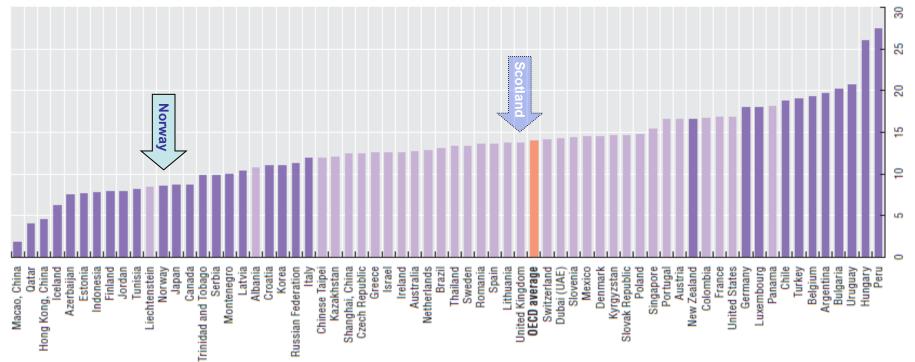


Figure 2.1. Socio-economic background and reading performance



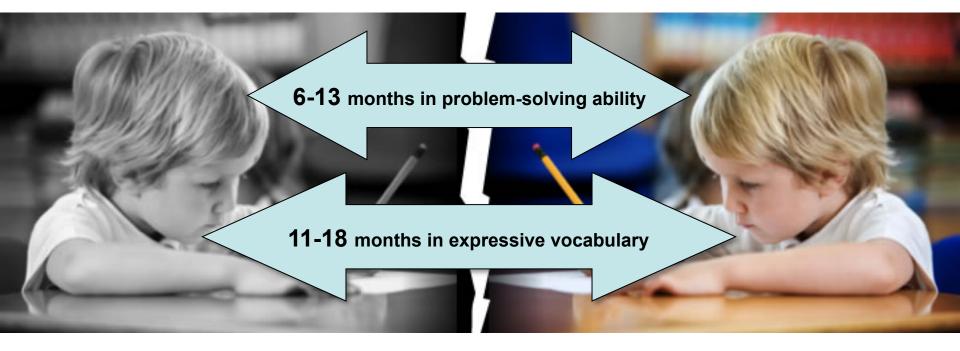
Percentage of variation in reading performance explained by socio-economic background

Note: Values that are statistically different from the OECD average are marked in dark violet.

Source: OECD (2010), PISA 2009 Results, Volume II, Overcoming Social Background: Equity in Learning Opportunities and Outcomes, Figures II.3.3 and II.3.4, available at http://dx.doi.org/10.1787/888932343589.

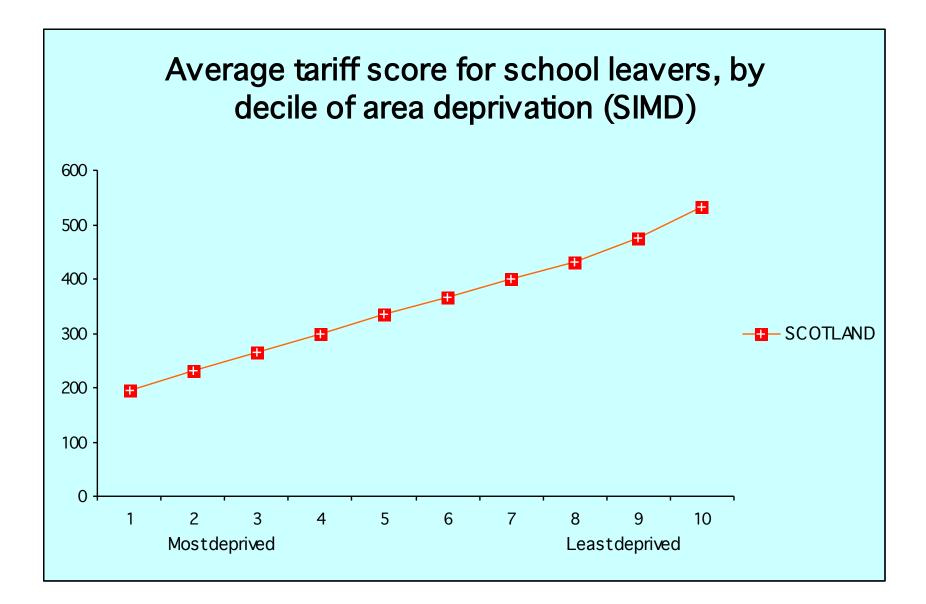
Percentage of variation

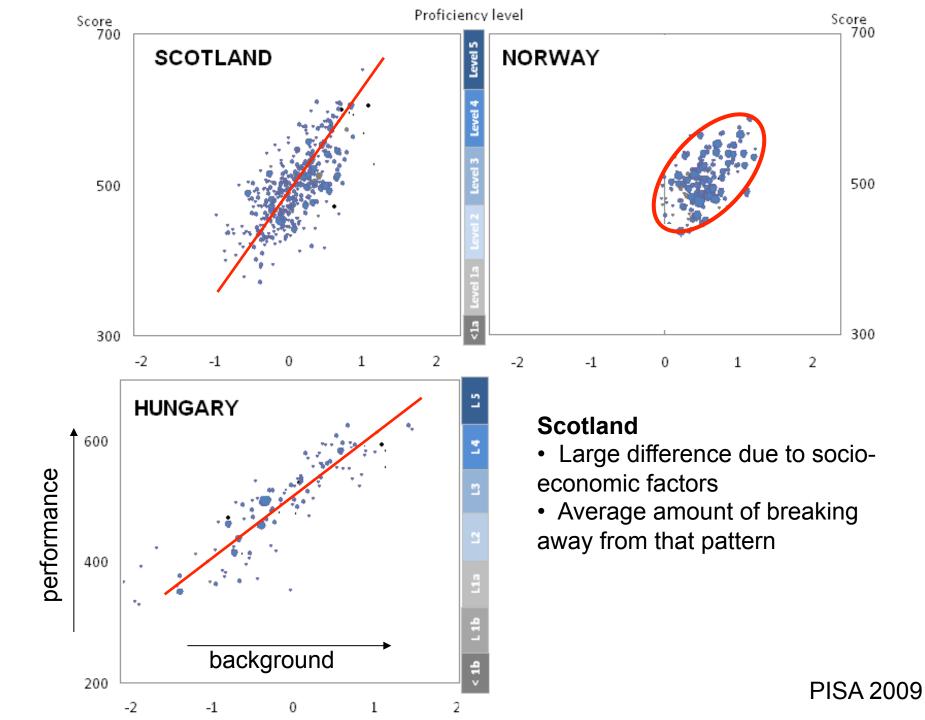
In Scotland today, at age 5, the gap between children from the most advantaged and most disadvantaged families is already:



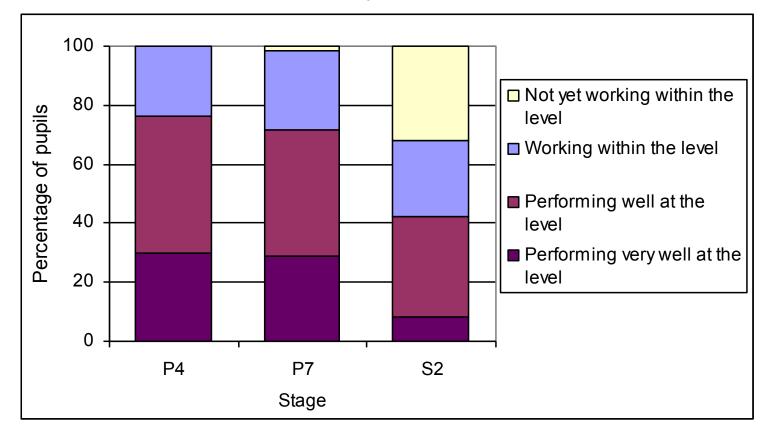
Source: Bradshaw, P. (2011) Growing Up in Scotland (2011) Changes in child cognitive ability in the pre-school years Edinburgh; Scottish Government

The Challenge



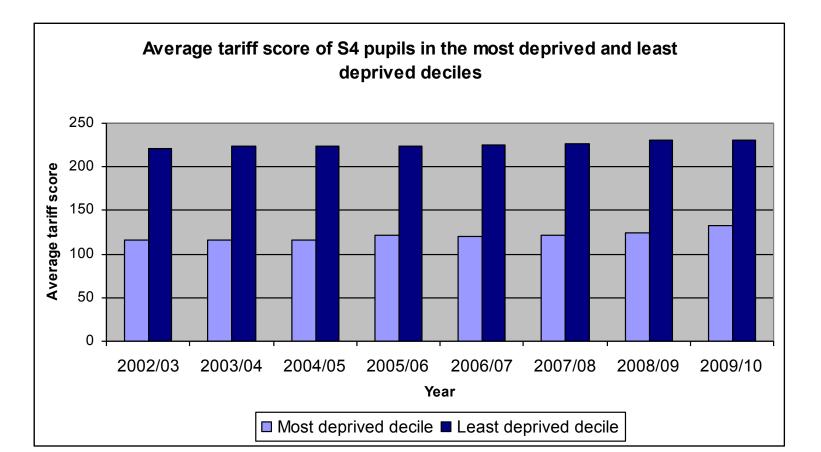


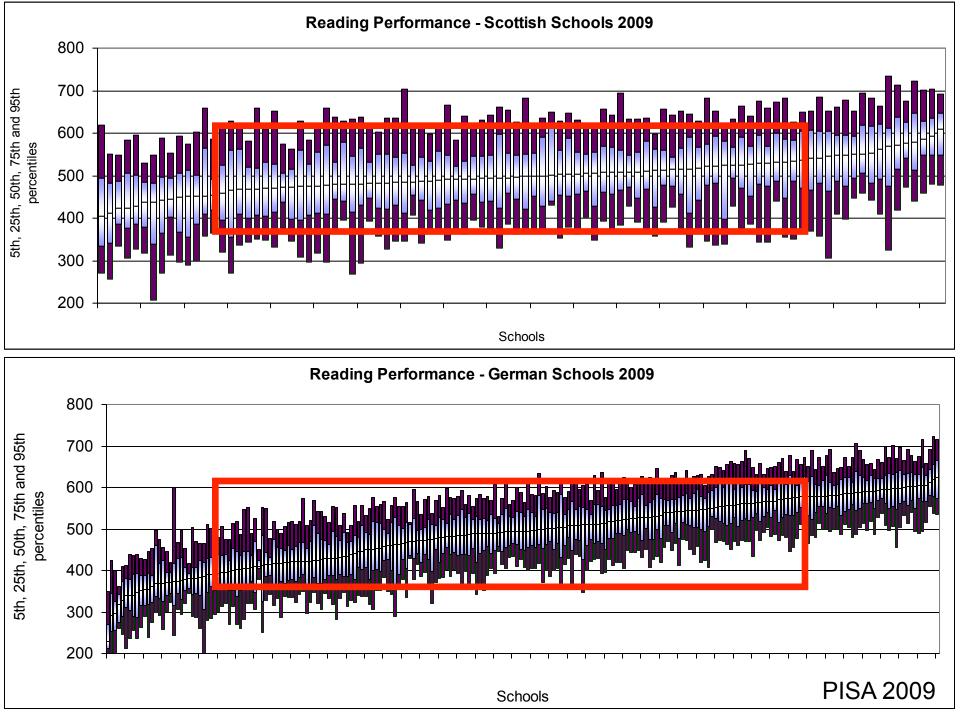
Scottish Survey of Literacy and Numeracy Numeracy results 2011



Deprivation and attainment

- Attainment in S4, the last year of compulsory education has increased over the past 8 years
- The gap between pupils in the most deprived and least deprived deciles has not closed



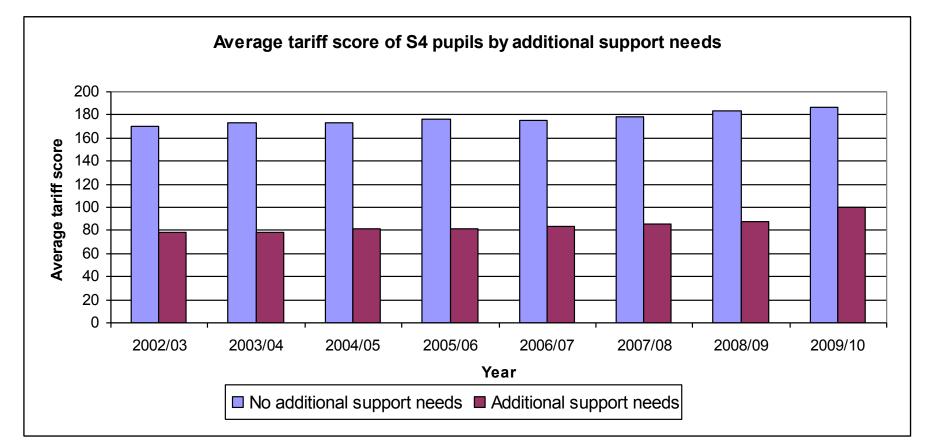


Pupils with additional support needs

- In September 2011, in publicly funded schools, there were 98,523 pupils (just under 15% of the pupils population) with an additional support need recorded.
- The vast majority (93%) of these pupils were in mainstream schools and 88% were fully integrated within mainstream classes.
- 6,973 pupils (just 7% of those with an Additional Support need) were in publicly funded special schools.
- Over the past 3 years, as the collection of information has been widened to include pupils with other non-statutory additional support, the number of pupils with an additional support need recorded has increased from 44,176 in 2009 to 98,523 in 2011.
- Over the last 3 years, the number of pupils in publicly funded special schools has increased slightly from 6,673 in 2009 to 6973 in 2011.
- Limited information is currently published on the attainment of pupils in special schools

Attainment and pupils with additional support needs

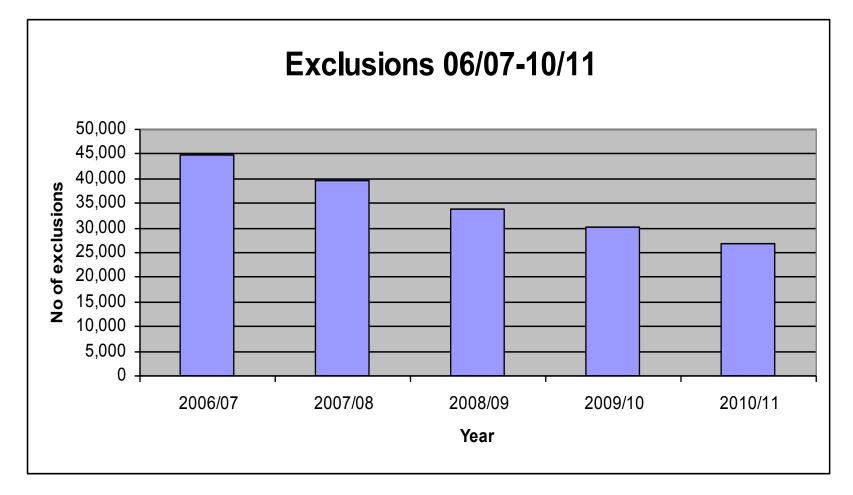
- Attainment in S4, for pupils with additional support needs has increased over the past 8 years
- However, the gap between these pupils and those with no additional support needs recorded has not closed



The Challenge Attainment of Looked After Children

	All pupils	Looked After
% overall school attendance	93.2	87.8
Overall exclusion rate (per 1,000)	45	365
Average tariff score for school leavers	372	67
% in positive destination at initial survey	87	59
% in positive destination at follow up survey	85	44

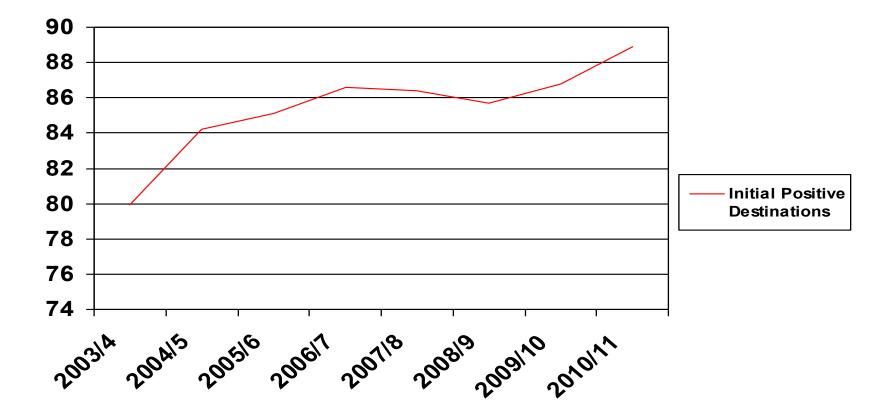
Some Successes



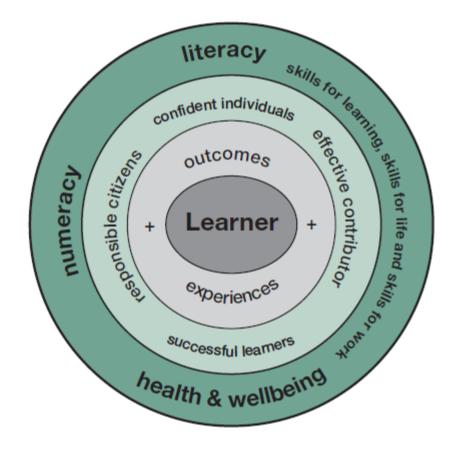
40% reduction from peak in 2006/07

Some Successes

School Leaver Initial Destinations (SLDR)



Curriculum for Excellence

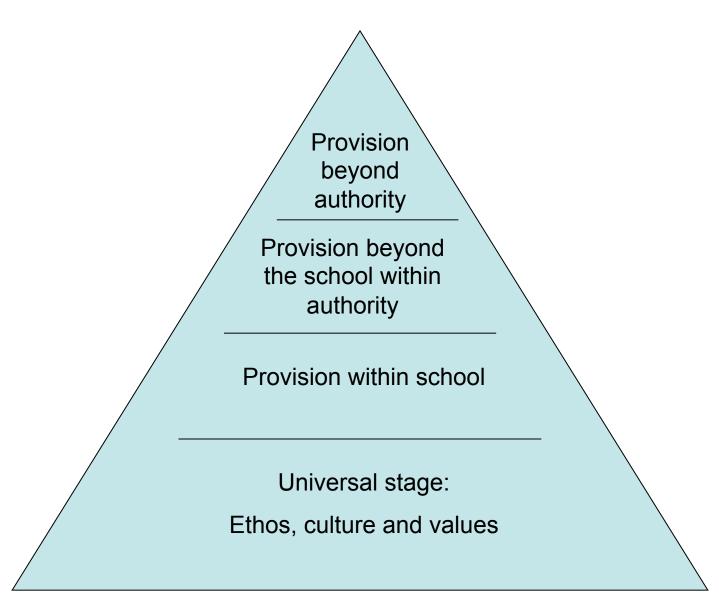


Review of Teacher Education In Scotland

Donaldson Review of Teacher Education in Scotland:

- "the foundations of successful education lie in the quality of teachers and their leadership. High quality people achieve high quality outcomes for children."
- "We need teachers who can understand the broader context within which they are working... That means recognising and tackling 'wicked', persistent issues and having the confidence and capacity to do so successfully."

Staged Intervention Model



The School Years

Real Challenges

- Deprivation and its persistent link with poor educational attainment
- Looked After Children

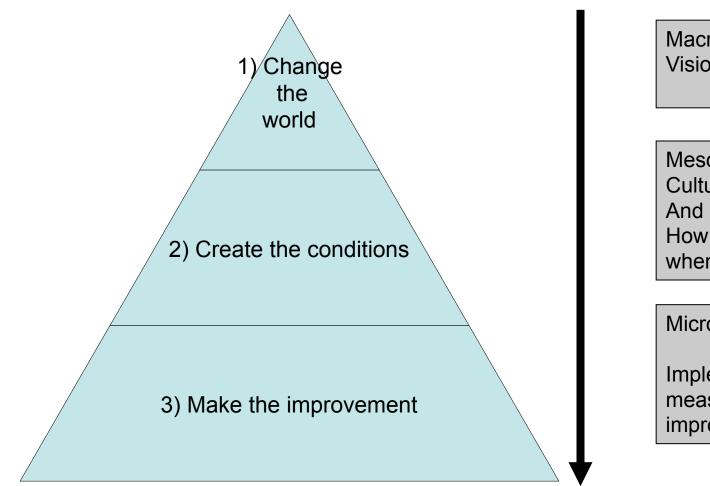
Successes

- Reduction in exclusions
- Increase in positive destinations
- Educational attainment results (relative to other countries) improving

Key Elements of Approach

- Curriculum for Excellence
- School Leaders/Quality of teaching
- Staged innovation/GIRFEC
- Evidence based on measuring what we value evidence at local levels for local use
- A culture of responsible autonomy throughout the whole system

The 3-step Improvement Framework for Scotland's public services



Macro system – Vision, aim and context.

Meso system – Culture, capacity And challenge. How much and by when?

Micro system –

Implementation, measurement and improvement

Step 1 - 7 points to change the world

- A compelling vision
- A story
- Actions/ Stepping stones
- Securing the improvement
- Engaging the workforce
- Making the change work locally (everywhere)
- Resilience and authorisation provided by a guiding coalition

Step 2 - Creating the conditions

This is the meso-system's role: Capacity and capability building,
It must communicate the changes, empower the citizens and workforce, model and change the culture.

The six questions to be asked of EVERY change programme:

- 1) Does everyone in the system know what we are trying to achieve?
- 2) Are we prioritising the improvements likely to have the biggest impact on the aim and stopping those that have little impact?
- 3) Is everyone clear about the means of securing improvement towards our aim?
- 4) Are we able to measure and report progress on our aim?
- 5) Do we know how and where to deploy resources when improvement is slower than required?
- 6) Do we have a way of testing and innovating and then spreading new learning?

Step 3 - Executing the change

This is the micro-system's role: all improvement is local.
Will and ideas are not enough at this level – we need execution. We need a theory of change and the ability to test and implement the changes.

- There are many change theories and models. We must choose a small number of improvement methods and stick with them for the long haul.
- They must all be based on the simple formula of aims/measures and changes.
- Our selection may be;
 - Collaboratives
 - Benchmarking and competition
 - User/ Community empowerment
 - Performance management
- The choice must be explicit and evidenced.

Model for Improvement

What are we trying to accomplish?

How will we know that a change is an improvement?

What change can we make that will result in improvement?

